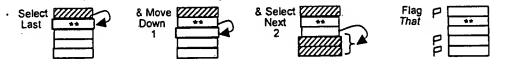
OE lets you which item(flag, watch, ignore...), delete, \rightarrow cor copy them them, forward or reply, etc. But using which item(s)? If you're already pointing at an item, then you can select that 1 or one or more items immediately before, starting with or immediately after that 1. (The ** below indicates a starting point)

Voice commands help you keep moving forward or "down" a list. After you modify 1 or more "last" items, the cursor returns to where you started; after you modify 1 or more "that" or "next" items, the cursor moves to the item immediately below the bottom-most affected item. For example, you can highlight a set of items twice using: ["Flag last 3"..."Watch last 3"] -or- ["Flag next 3"..."Didn't read last 3"].



b. Selecting items randomly "Select"..." And Move"... "And Select"... "Operation That": You can also select items randomly. Random selection begins with a "Select" command. "Select" is spoken as with other operations (e.g. "Select that" or "Select these 3"). You can then continue the selection by moving to another position and/or making other selections merely by preceding "Move" or Select" with "And." (If you accidentally select an item, you can de-select it by selecting it again.) Once you're satisfied with the selection, you can modify the entire selection as 1 item using "<operation> That" (e.g. "Forward that to my secretary") or start again by saying a command that causes the cursor to move (e.g. "Select that" or "Move down 10"); scrolling doesn't affect the selection You can also "Sort" & "Find" items, and even change the columns that are displayed (e.g. "Sort that by send", "Make Send the 5th column"; "Make the 6th column Date sent", "Replace the 6th column with Subject).



c. Selecting items located other than where you're pointing: Modifying items in another list or field can save not only your voice, but also the time needed to go to and from where the data is located. Most often, opportunity to do so occurs in 3 basic scenarios.

Sometimes OE highlights an item that you want to affect even though you've "Gone" to somewhere else or you've just entered the window (e.g. a folder and a message or contact within the folder are typically highlighted together). Here, you can simply extend the command to indicate that you want to affect an item other than where you're pointing (e.g. "Flag next message" or "Delete next folder")! For now, you can only operate on 1 item at a time. (You can also move, scroll or open the "next unread" message or folder in this situation.)

Where no target items are highlighted (i.e. primarily with addressees and attachments), there is no "last, that, these or next" to indicate! However, in addition to using "Goto", you can also specify an item by its position in a list (e.g. "To 1"; "Delete 2" Cc") or you can select them "all". Another option is to use the enhancement "And" (e.g. "To 1" and 2"). [Notice how the "To" command can apply to only 1 list (a contact) and so requires no added information; but since the "Delete" command might refer to any 1 of 3 lists, one of the lists must be specified (To, Cc or Bcc).]

Still other voice-savers" simply reflect that I dislike talking needlessly, saying things awkwardly and filling out forms almost as much as you do! For this situation:

- (1) if there's little likelihood of conflict with dictation, then you can optionally omit "Goto" and "Click" when moving somewhere or pressing a button;
- (2) often you can "Click" a button or instead use a "that" command (e.g. "Click cancel"-"Cancel that");
- (3) In some cases, such as with the address book, I've also provided special shortcuts! You can: (a) move to any displayed field by saying its title (e.g. "First name"), as with other such forms; (b) move to the a tabbed page by saying its title (e.g. "Home tab" or "Home information"); (c) jump directly to a unique tab and field by saying the field title; (d) jump directly to a repeated field by saying "Home" or "Office" and its title (e.g. "Home address"); or (e) jump to the "title of someone's name" by saying a common title (e.g. "Mr." or Mrs.). [You can also get better recognition of a middle initial by saying "Middle initial <letter>".]
- (4) In other cases, special shortcuts enable you to press buttons or use features that don't exist within an OE window. Where convenient, the windows are aligned to display "extra" available buttons from other windows. At other times, you'll simply have to use your imagination! For example, from the main Outlook window, say "Send an email to people". Notice how the "Find People" windows reveals "Select Recipients" window buttons; they're all available! In addition, you can also press invisible Delete and send buttons by respectively saying "Delete <1" ... 10th > <To, cc or bcc>" or "Send that"! You can also leave "Find People" using "Close that", "Click OK" (to save changes), or "Cancel That".
- (3) "Special" Aliases: Normally, an alias is an alternative name that you can type-in and use to hide your true identity (e.g. "Macho Dude_1,000,001"). In fact, the Address Book Properties "display" and "Nickname" fields are provided for this purpose. Here, however, aliases are used to indicate a class of people including 1 or more specific people (e.g. "my mom [name]", "my boss [name]" or "my cousin [name "at work"]"). Obviously, you probably have only 1 mother or boss, but you might have many cousins!

Among other things, the alias lets you address email messages to that person as part of the command (e.g. "Send an email to my mom" or "Forward that to my boss" or "Cc that to my secretary"). While you'll still have to use "check names" to verify addressees in a new email (an MS "feature"), using aliases can be a real time saver! Special aliases can also be used anywhere! Where you have multiple aliases (e.g. "my cousin Linda" and "my cousin Fred"), OE will ask you to select one as an addressee. (For now, groups should still be specified using OE's "new group" feature.

(4) Global Commands: Please don't purposely use these where they obviously don't apply! Sometimes, a command is made global simply to save on memory.

Symbols Used In The Command List

- (1) Colors: These include Teal for commands, Maroon for examples and window names, Black for options, Dark Blue for global or widely used commands, and light blue so that you can see asterisks more easily.
- (2) Not spoken symbols: These include brackets ("<" and ">") to indicate alternative words to produce the same or different results and square brackets ("[" and "]") for optional wording. They also include slashes "/", to indicate a whole or partial command that's already been presented, and an ellipsis ("...") to indicate commands spoken separately or simply meaning "and so on" (e.g. 1, 2, 3...). Finally, I've indicated commands that are unique to a particular window by specifically noting the applicable window, or through the inclusion of asterisks (" * " or " * * ").

APPENDIX

Step 1a: Download & Review EXIST

Messages

Launching OE-5 displays the main Outlook-window (for listing emails) and, when you tell it to "open" an email, switches to a different Preview-window; closing the message returns you to the Outlook window. Working downward, the Outlook window first includes menus and then the toolbar; below the toolbar are a folder list to the left and a message list to the right. Most of the commands work in both the outlook and preview windows. Those that don't are marked as follows: * = outlook-window only; ** = preview window only).

To move messages	to &	from	your	selected	<u>ISP</u>	or Network

<Messages or Email> Receive*

Send*

Hide

Send and Receive*

E.g. "Receive email"

E.g. "Send messages"

E.g. "Send & receive email"

To Review & Organize Existing Messages

(Change how something is displayed - See Appendix B)

<toolbar or option> View/Display

column title* View/Display

column title*

- Gen display again to hide E.g. "Display unread messages"

-But note-- Special OE requirement

E.g. "Display accounts" E.g. "Hide accounts"

Sort that* <Ascending/Descending>

- Rearrange message list

E.g. "Sort that ascending"

By <Asc/Descending> <Column Tile> (use whole or part of cmd By <column-title> <Asc/Descending>

& in either order)

E.g. "Sort that by ascending flag" E.g. "Sort that by flag ascending"

E.g. "Display from"... "Sort that by date descending"... "Go to Top"

(Within a field)

<Top/Bottom> Go to

<Up or down> <1...20> Move

Scroll messages <Left/Right> <1...20> Scroll Folders < Up/Down> <1...20>

E.g. "Go to top"; "Go to bottom" - NS global command

- Move within a current list E.g. "Move down 5"

- From within the Folders list only, scrolls the message list - From within the Message list only, scrolls the message list

(Message List/Preview Options)

Read*

<Last/That/Next> <Header/Msg>

Add

["Sender"] To Address Book

Open

<Last/previous/that*/next> [unread] - Open & display 1 message <Last/previous/These*/next> |#|

Open

**Make text <Bigger/larger, Biggest/largest,

Normal, Smaller or smallest>

** Find

Text [in Message]

** Close

That message

- NS filters and reads back the header or message

- TBD: Save to folder

E.g. "Add to Address-Bk"

E.g. "Open that" >1 message E.g. "Open these 3"

- Change displayed text size

E.g. "Make text normal"

- View/display also work

E.g. "Make text bigger"

- Brings up the Find window

E.g. "Find Text"

- Close opened message:

E.g. "Close that"

(Folder-list Options)

Open*

Folder Folder

Close* Open

<Last/prev/That*/next>[u][Message]

- Show inside selected folder E.g. "Move up 3... Open folder"

- Hide selected sub-folders while pointin at a folder E.g. "Open next message"

E.g. "Move up 3...Open folder"

(Move between fields/windows)

Goto

Tab

<Folders or Messages/List>

<Up/down or left/right> [#]

<Addr-Bk/Recipients/People>

- Go to a different window

- Move between the 2 fields E.g. "Goto folders" E.g. "Goto address book"

E.g. "Tab up" - Switch panes/fields

E.g. "Move down 3... Open that"... "Make text bigger"... ... "Open next"... "Close that message"



Step 1b: Dispose of EXISTING N

To review, launching OE-5 displays the main Outlook-window (for listing emails) and, when you tell it to "open" an email. switches to a different Preview-window; closing the message returns you to the Outlook window. (Again: * = outlook-only; ** = preview window only)

Select messages (or folders*) generally

<command > <command option > [message]

Random selection (from within message list only)

<Last/That/Next> or Last <1...20> These <1...20>

Next <1...20>

And move <same options> And select <same options>

<command> That

Select

- Say command & option E.g. "Flag that"

- "Message" if from folders list E.g. "Flag that message"

- 1st select a message: E.g. "Select that" -before current message: E.g. "Select last 3"

-including

-after

- Keep selection & move: - Select or deselect option:

- Manipulates all selected

E.g. "Select next 3" E.g. "And move down 3" E.g. "And select that"

E.g. "Select these 3"

E.g. "Flag that"

E.g. "Select that"..."And move up 9"..."And <move/select>"..."And <select/move>"..."Forward that to my boss"

(To de-select, simply start a new selection ("Select <option>"), move, delete the selection or cause the window to change. A "next" or "last" option, which also deselects currently selected messages, is not recommended.)

To Set or Remove Message labels or print

<Last/Prev*/That/Next*> [message] - Set or reset message flag: Flag

<Last*/These*/Next*> <1...20>* Watch <same full options> Ignore <same full options>

<same full options> Print

<Last/That/Next><Read or Unread> Mark

E.g. "Flag that"

E.g. "Flag next 3" - Only from within list:

- Set/reset watch flag(s): E.g. "Watch that" - Set/reset ignore flag(s): E.g. "Ignore that"

- Print 1 or more messages: E.g. "Print that"

E.g. "Mark that unread"

To Delete & Undelete Message

Dclete <Last/Prev*/That /Next*> |Message|

<Last/Prev*/These*/Next*> <1...20>*

Undo* Delete

Empty* < Deleted, Deleted Items or Trash>

- TBD: Consider adding to open messages generally

- That/these = current+

E.g. "Delete that message"

E.g. "Delete previous 3" - Only from within list:

- Moves all email in deleted folder to Inbox

E.g. "Empty trash" - Empties deleted items

To Move or Copy a Current Message to Another Folder

Move

<full options> To

Copy

<full options> To

E.g. "Move that to"... <folder name>... Click OK" E.g. "Copy next 3 to" ... < folder name > ... Click OK"

To Forward & Reply to the current Message

Reply To <Last/Prev/That/Next> [message]

Forward

<full options > To [p/r/s below]

< People or people-field>

< Recipients/A/An or The>

<Special Alias>

- Opens the current message & addresses it to the sender

- Opens the current message so you can address, edit & send it

- Also goto Find-People/name/phone/email/other field

- Also goto Select-Recipients window

- Also addresses email. E.g. "Forward that to MIS" (See Also: "Send an email..." and "Address that...")

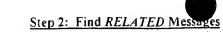
Alternative Button-Click Commands

Click

<Forward, Reply, Send or Receive> - All except New and Find. E.g. "Click Fwd" = "Fwd That"

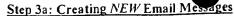
- All "clicked" buttons operate as if mouse-clicked. Click <Addresses or Address Book>

E.g. "Receive email"... "Delete these 2"... "Flag that"... "Forward that to my assistant"... "Send that"



Find message options currently only operate from the Outlook window. These display a list of other received email messages matching criteria you specify and allow these further messages to be selected and opened. Criteria for selecting other messages can be specified by pointing to an email in the Outlook email list (from any folder) before saying the command, using the "find command" itself and/or using the displayed Find-Messages window that results.

- TBD: Identify & implement other useful starting points Go from the an email in an email list to matching emails (opt. "messages") - Goes To Find-Messages window & lists emails from sender Find Other, others or more - Prior emails from sender E.g. "Find previous messages" Prior, previous or earlier - Later emails from sender E.g. "Find later" Later - Same "to" or "from" E.g. "Find more from sender" <O/P/L> <to/from> <sender or recipient> as per current email E.g. "Find others to sender" Making Selections within The Find-Messages window Find <FromTo,Subject or Message/In-message> - Selects the field & clears other fields - Same, but using current Sender or recipient <To or From> <Sender or Recipient> - Same but without clearing other fields And Find <Fr/To/Snd/Rec/Msg> - Executes "browse" for selecting another folder Look In - Clears all fields for a new search New Search - Closes the window Close That "Click" & "Check" Selections within the Find-Messages window - Checks or un-checks a checked box <Click/check(off)> <Attachment(s)> <Flagged> <Before or After> <From, To, Subject or Msg> - Goes to the appropriate field & clears others <Before-date or After-date> - Opens the appropriate calendar Using matching items from within the Find-Messages window - Displays a list of emails matching your criteria Find or list That (or Click Find) - Moves to the displayed list of email messages List Go to - Moves within the displayed list (or scroll an opened message) Move Up or down (opt. <#>) - Move between Fields E.g. "Tab down" Up, down, left or right (opt. <#>) Tab Find, look-in or other selections E.g. "Find To" E.g. "Close That" - Closes the window Close That (See Also: NS global commands) E.g. "Find more"... "Find to sender"... "Go to list"... "Open That"... "Look In"... <Personal>... The name of a folder to "look in"



Having retrieved, reviewed & disposed of existing messages -or not - you might want to create a new email, address it & send it. Note that commands for addressing emails are listed separately. (Currently, you can only create a new email from the Outlook window or by using NS global commands to select from the file menu.)

Go From the Outlook-Window To New Message/Addressing

Send an Email

Send an Email To

Send an Email To <A, An or The>

Send an Email To <Special Alias>

- Creates a new message

- Also goes to Select People window

- Also goes to Find-Recipients window

- Creates and addresses the new message

Moving & editing using the Re (new message) Window

NS move, scroll & select commands

<up or down> (Opt. <#>) Tab

<To, Cc, Bcc, Subject or Message> Goto Goto <People, Recipients or Addr-Bk>

<left or right> (Opt. <#>) Tab

- Move, scroll, etc. plus <direction> & optional <#>

- Switches among To, Cc, Bcc, Subj, Attach & Msg fields

- Switches among To, Cc, Bcc, Subj, Attach & Msg fields

- Switches to other windows

- Inserts or removes one or more tabs (i.e. Tab & shift-tab)

Delete That

<character, word, line, or paragraph>

<last/previous, next><c/w/l./p> (opt. <#>)

Undo <That or #>

<Color, Font or Size>... Selection Set

<Bold, italicize or underline> That

Check < Spelling or name(s)>

- Deletes selected text (in message body)

E.g. "Delete line"

E.g. "Delete last 3 words"

E.g. "Undo That"; "Undo 5" - Presses Undo

<Make or view> That <Rich Text or Plain Text> - Allows/disallows formatting E.g. "Make That Rich Text"

E.g. "Set color"... "Red" - Opens font window to list

E.g. "Set Size 14"

- Sets or clears font attribute (as with mouse-clicking)

- Spell-check or lookup alias in Addr-Bk

Inserting Within or Attaching to an Email Message

<Line, Attachment, Picture, File> lusert

Make That Confidential

(or Insert Signature) Sign That

- Draws a horizontal line or opens file selector

- Inserts a confidentiality warning at the top of the message

- Inserts the stored signature at bottom of the message

Having NS Read-back your message or parts of it

<That Back or Selection> Read

Read Back < Last/Prev, This, Next> < Sentence/Para> - Reads back portion

<L/P, These,N> <#> <Sentences/Paras> - Reads back portion

TBD: read\delete sentence or paragraph debugging

- Reads back the entire message or portion you've selected

- Selects a new font size

E.g. "Read last sentence"

E.g. "Read next 3 paragraphs"

"Click" Command Alternatives for New-Message window

Click

<Buttons at the top of the screen>

<To, Cc or Bcc> -or-

<Subject or Message>

- Buttons not requiring further selection are supported

- Opens the Find-People window or moves to subject/message field

- Moves to the end of the subject field or top of the message field

Using the Insert & File Selection windows

TBD: Whether to require "go to" & close that E.g. "Look in Drive A"

Look In/On Drive <a...z>

Desktop, My Computer, or

Network (opt. "Neighborhood")

- Move to drive/folder: E.g. "Look on desktop"

- Note - Windows is inconsistent in list layout from 95-98!

E.g. "Vertical spacing"

E.g. "Click cancel"

Click Goto List

Open/Close Folder

Tab

<field label>

<Up or Down>

<button name>

Move

<Left, Right, Up or Down> <#>

Attach

That

Close

Window

E.g. "Open folder"

- To use the file/folder listings

E.g. "Tab up"

66 ... 37

E.g. "Move up"

- Presses the Attach button

E.g. "Attach that"

- In cases where NS fails to execute "click cancel"

3b: ADDRESSING Messas

Addressing is all about filling in the addresses at top of the message window (i.e. recipients or "To" and who will be carbon-copied or "Cc'd"). Addressees can be selected at any time within the message window; just "tab up" or "goto" a field and say the recipient's alias (special or otherwise) from your address book. You can also use special commands from the message field that enter an alias and return to where you left off in typing your message or switch to OE's Select-Recipients or Find-People windows (which are more reliable than OE autocompletion of names.) Any one or more methods might be most useful - so all are provided!

Addressing an Email message from within the Re: window (replacing Outlook's "new-message" window)

<Up or Down> (opt. <#>) Tab

- Move to upper/lower field

E.g. "Tab down 3"

Goto

<To, Cc, Bcc, Subject or Message>

- Go to field

Goto

<People, Recipient or Addr-Bk>

- Go to window

Click

<To, Cc, Bcc, Subject or Message>

- Go to people window or subject/message field

Address That

Address That <As or To>

Address That To <The, A, or An>

Address That <To, Cc. or Bcc> <Special Alias>

<Cc or Bcc> That To (opt. <Special Alias>)

- Switches to & positions "Recipients" window

- Also switches to "People" window

- Also switches to "Recipients" window - Also addresses the email message

<To, Cc or Bcc> Delete

<1st... 10th or last > <To, Cc or Bcc> Delete

Misc Commands

Check Names

<1st... 10th or last > Select

That (opt. message or email) Send Text in message

- Looks for aliases in the Addr-Bk;

- If needed, you can select from matching aliases that pop-up

- Sends a completed email

E.g. "Send an email to my moni"...<just because>..."Go to message"...<love you>... "Sign that" (if it's been awhile) Subject Message

Addressing an Email message from within the Select-Recipients window Not yet completed/debugged!

Τo

Find

<A. An or Mv> <Folder-name>

Goto

Goto **Folders** - Selects a folder TBD open → select from list

- Moves the cursor to the displayed list

- Moves the cursor to the folders list

Select Records

<To, Cc/Copy or Bcc> <1st, 2nd ... 10th >

List

- Adds the 1st ... 10th entry in the list to To, Cc or Bcc

Delete entries

Delete

<To, Cc/Copy or Bcc> $<1^{st}, 2^{nd}... 10^{th} > T/C/Bcc$ - Removes last entry in To, Cc or Bcc

- Removes 1st... 10th entry in To, Cc or Bcc list

Done/Exit

<Close or Close That> or Click-OK> <OK <Cancel or Click-Cancel>

Send That

- Closes the window & goes to Select-Recipients

- Saves address & returns to Re: window

- Returns to Re: window without saving

- Also sends the current email

Addressing an Email Message using the Find-reople window

All visible buttons/fields ("click OK/Cancel", "To/Cc/Bcc") are available; "copy" can be used instead of "Cc"; and "delete/undo" capability has been added (e.g. "Undo last Cc" or "Delete 2nd To"). Common aliases can also be added to an address book & used to simplify addressing (e.g. "copy my secretary").

Enter field info

<Name, Email, Address, Phone or Other> <Last/Previous/Restore> <N/E/A/P or O> <N/E/A/P or O>

Up/Down Tab

Up/Down Tab

List matching records

<Find or List> That or

<N/E/A/P or O>

To Select Listed Records from within List

Go To

List

Go To Move

<1st... 10th> <up or Down>

Opt. "click"

<To, Cc/Copy or Bcc>

< Name, Email, Address, Phone or Other> And $\langle N/E/A/P \text{ or } O \rangle$

To Set Addresses Using Listed Records

Opt. "click" <To, Cc/Copy or Bcc>

<1st... 10th> <T/C/B>

<1st... 10th> and <1st... 10th>

<T/C/B>

<special alias>

Delete addressees

Delete

<To, Cc/Copy or Bcc> $<1^{st}, 2^{nd}... 10^{th} > <T/C/Bcc>$

Done/Exit

Close That> <Close <OK Click-OK> or Click-Cancel> <Cancel

Send That

- Selects a field, saves its text & deletes all fields

E.g. "Last other" - As N/E/A/P + inserts saved text.

E.g. "And name".. <name>.. "List that" - Selects field.

- Move to upper/lower field

E.g. "Tab down"

- Works globally

E.g. "Tab down 3"

- Lists matching addr-book records. E.g. "Find that" - Also enables "last" cmd.

E.g. "List other"

- Moves the cursor to the displayed list

- Moves to the 1st ... 10th entry in list E.g. "Goto 3rd"

- Operate as usual

- Adds selected entry to list

E.g. "Cc"; "Click Copy"

- Moves to a field, saves its contents & deletes all fields

- Moves to a field.

E.g. "And name"

- Adds 1st or selected entry to list

- Adds 1st... 10th entry to list

E.g. "Cc"; "Click Copy" E.g. "To 1st"; "Cc 2nd"

To add 2 listed entries.

E.g. "Bcc 2nd and 3rd"

- = "my" + secretary, boss, assistant, relation, etc.

E.g. "Copy my boss" = docketing, etc. (as in addr-bk)

- Removes last entry

E.g. "Undo To";

- Removes 1st... 10th entry in list

E.g. "Delete Copy" or Cc

E.g. "Delete 2nd Bcc"

- Closes the window & goes to Select-Recipients

- Saves addressees & returns to Re: window

- Returns to Re: window without saving

- Saves addressees, returns to Re: and sends the current email

E.g. "Send an email to"... <Sue>..."List name"... "To 3rd"... "Name"... <Joe>..."Cc"... "Copy my office"... Click Ok"

Special commands for using the address book

Move <left or right> <#> Tab(s)

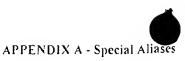
Tab <1/r/up or down>

Move <l/r/np or down> (opt. <#>)

- Moves to the left or right 1...10 window-tabs

- Moves u/d/l or right between fields

- Moves w/d/l or right within a field



```
Current Aliases (TBD: using lists from files)
my <office, boss or supervisor, group leader, secretary & assistant>
<docketing, MIS -&- maintenance>
my <home -&- home office>
my <mom or mother -&- dad or father>
my spouse (TBD: or wife, husband, girlfriend, boyfriend or fiancee)
my sister (TBD: or brother & way to add a number of them - 1st, 2nd, eldest, etc. were awkward)
my <aunt, uncle -&- cousin>
```

APPENDIX B - View Options

Outlook Window "View" options

my < grandmother & grandfather>

```
"View" accounts
mail rules
news rules
blocked senders
layout
columns
help
news groups
all (opt messages/email)
unread (opt messages/email/only)
```

Re-Window "View" Options

"View" toolbar
format bar
bcc
status bar